

**Notice of Allowability**

Application No.

10/809,490

Applicant(s)

SHEN, KUN-TSAI

Examiner

Yahveh Comas

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/13/2006.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview on 4/24/2006.

The application has been amended as follows:

Claim 1. A manual electric generating device, comprising an uppercasing, being hemispherical in shape and having a first hollow cavity at its top; a lower casing, being hemispherical in shape and engaged with said upper casing to define an accommodating space, and having a second hollow cavity at the bottom of said lower casing; a rotor, being disposed in said accommodating space and capable of rotating reciprocally in said accommodating space and having at least one permanent magnet thereon; a fixed stand, for supporting and mounting said rotor; a hollow cylinder being inserted into said second hollow cavity and having at least one opening at its external periphery; a coil, being disposed in said hollow cylinder and having a core and a plurality of coiled conductive wires; wherein said conductive wires surround said core, such that when said rotor rotates reciprocally, said permanent magnets divide said coil to generate a power supply; and a printed circuit board, being coupled to said coil and

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disposed in said hollow cylinder, for processing and outputting said power supply for selectively charging a portable electronic device and lighting up an indicating lamp.

The following is an examiner's statement of reasons for allowance:

***Allowable Subject Matter***

Claims 1-13 are allowed.

The following is an examiner's statement of reasons for allowance:

Applicant teaches a manual electric generating device, comprising an uppercasing, being hemispherical in shape and having a first hollow cavity at its top; a lower casing, being hemispherical in shape and engaged with said upper casing to define an accommodating space, and having a second hollow cavity at the bottom of said lower casing; a rotor, being disposed in said accommodating space and capable of rotating reciprocally in said accommodating space and having at least one permanent magnet thereon; a fixed stand, for supporting and mounting said rotor; a hollow cylinder being inserted into said second hollow cavity and having at least one opening at its external periphery; a coil, being disposed in said hollow cylinder and having a core and a plurality of coiled conductive wires; wherein said conductive wires surround said core, such that when said rotor rotates reciprocally, said permanent magnets divide said coil to generate a power supply; and a printed circuit board, being coupled to said coil and disposed in said hollow cylinder, for processing and outputting said power supply for selectively charging a portable electronic device and lighting up an indicating lamp.

Mishler (U.S. Pat. 5150625) discloses a manual electric generating device. However, the cited reference fail to individually disclose, or suggest when combined, a hollow cylinder, being inserted into a lower casing hallow cavity and at least one opening at its external periphery, and a printed circuit board, being coupled to said coil and disposed in said hallow cylinder, for processing and outputting said power supply for selectively charging portable electronic device and lighting up an indicating lamp.

No prior art was found teaching individually, or suggesting in combination, all of the features of the applicants' invention, specifically a hollow cylinder, being inserted into a lower casing hallow cavity and at least one opening at its external periphery, and a printed circuit board, being coupled to said coil and disposed in said hallow cylinder, for processing and outputting said power supply for selectively charging portable electronic device and lighting up an indicating lamp in combination with the recited structural limitations of the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yahveh Comas whose telephone number is (571)272-2020. The examiner can normally be reached on 8am-5pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on 571-272-2044. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

YC

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